

**IN THE CLAIMS:**

1. (WITHDRAWN) Method for obtaining an anti-tumor substance from even-toe hoofed mammals (artiodactylous animals) having leucosis, wherein said substance is obtained from the lipid-free blood plasma fraction of the animal, characterized in that said blood is taken from a pregnant female donor animal being in the 2<sup>nd</sup> or 3<sup>rd</sup> period of pregnancy up to at most the beginning of the first week preceding delivery.

2. (WITHDRAWN) The method as claimed in claim 1, wherein the donor animal being cow or sheep.

3. (CANCELLED)

4. (CURRENTLY AMENDED) A method for obtaining an anti-tumor substance from the colostrum of an even-toe hoofed animal having leucosis, comprising the steps of:

- a) shaking the colostrum with a 1:1 mixture comprising i-propyl alcohol and chloroform ~~of identical volume~~ at room temperature for 8 hours;
- b) centrifuging the material at a speed of at least 5000 rev/min for about 20 minutes in a cooled state;
- c) separating both the upper layer, and the medial crust layer from the material;
- d) diluting the rest of the material with a mixture of chloroform and benzyl alcohol to make up the original volume and shaking the diluted rest of the material for 8 hours;
- e) storing the material at a temperature of +2-4°C;
- f) centrifuging the material from step e) just as in step b) and discarding the organic phase and retaining a diluted upper layer; and
- g) freezing and freeze-drying the diluted upper layer obtained in step [c] f) and freezing and freeze-drying ~~diluting the dried upper~~ medial crust layer obtained in step c and placing at least one of the freeze dried materials in physiological saline solution to a therapeutically effective concentration.

5. - 24. (CANCELLED)

25. (CURRENTLY AMENDED) The method of claim 4, further comprising freezing and freeze-drying the medial ~~jelly-like~~ crust layer separated in step 4c) and diluting the crust layer in physiologic saline solution to a therapeutically effective concentration.

26. (CURRENTLY AMENDED) The method of claim 25, further comprising combining wherein the diluted upper layer and the diluted medial crust layer are combined in physiological saline solution to a therapeutically effective concentration.